

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

04340-PCT-PA

U.S. APPLICATION NO. (if known, see 37 CFR 1.5

10/516406

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/CA03/00820

06 June 2003

06 June 2002

TITLE OF INVENTION

DETECTION OF EPIGENETIC ABNORMALITIES AND DIAGNOSTIC METHOD BASED THEREON

APPLICANT(S) FOR DO/EO/US

Arturas Petronis

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto.
 - b. ☒ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (If known, see 37 CFR 1.53) 10/516406		INTERNATIONAL APPLICATION NO. EP 03/00820	
		ATTORNEY'S DOCKET NUMBER 04340-PCT-PA	

<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1110.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</p> <p>ENTER APPROPRIATE BASIC FEE AMOUNT = \$1,110.00</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> <th style="width:20%;">\$</th> </tr> <tr> <td>Total claims</td> <td>24 - 20 =</td> <td>4</td> <td>x \$18.00</td> <td>\$ 72.00</td> </tr> <tr> <td>Independent claims</td> <td>9 - 3 =</td> <td>6</td> <td>x \$86.00</td> <td>\$ 528.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$290.00</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1,710.00</td> </tr> </table> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. \$</p> <p style="text-align: right;">SUBTOTAL = \$1,710.00</p> <p>Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$</p> <p style="text-align: right;">TOTAL NATIONAL FEE = \$1,710.00</p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$</p> <p style="text-align: right;">TOTAL FEES ENCLOSED = \$1,710.00</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Amount to be refunded:</td> <td style="width:40%;">\$</td> </tr> <tr> <td>charged:</td> <td>\$</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	24 - 20 =	4	x \$18.00	\$ 72.00	Independent claims	9 - 3 =	6	x \$86.00	\$ 528.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$	TOTAL OF ABOVE CALCULATIONS =				\$1,710.00	Amount to be refunded:	\$	charged:	\$	<p>CALCULATIONS PTO USE ONLY</p>
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																										
Total claims	24 - 20 =	4	x \$18.00	\$ 72.00																										
Independent claims	9 - 3 =	6	x \$86.00	\$ 528.00																										
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$																										
TOTAL OF ABOVE CALCULATIONS =				\$1,710.00																										
Amount to be refunded:	\$																													
charged:	\$																													

- a. ☒ A check in the amount of **\$ 1,710.00** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2839. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP
Intellectual Property Law Offices
502 Washington Avenue, Suite 220
Towson, MD 21204


SIGNATURE

Robert M. Gamson
NAME

32,986
REGISTRATION NUMBER

10/516406

Rec'd PCT/PTO @ 1 DEC 2004

Intellectual Property Law Offices

LEONARD BLOOM

Senior Counsel

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP

ROBERT M. GAMSON
SAM ROSEN
JAMES E. ARMSTRONG, IV

WASHINGTON OFFICE:

JAMES E. ARMSTRONG, III
WILLIAM G. KRATZ, JR. *
MEL R. QUINTOS *
DONALD W. HANSON *
WILLIAM L. BROOKS *

GEORGE N. STEVENS *
DARREN R. CREW *

PATENT AGENTS

JAMES N. BAKER
DANIEL A. GESELOWITZ, Ph.D.

* Not Admitted in Maryland

BALTIMORE OFFICE
SUITE 220
502 WASHINGTON AVENUE
TOWSON, MARYLAND 21204

www.leonardbloom.com
PHONE: (410) 337-2295
FACSIMILI: (410) 337-2296
TOLL FREE: 1-877-733-4766
E-MAIL: len@leonardbloom.com

WASHINGTON OFFICE
SUITE 1000
1752 K STREET, NW
WASHINGTON, D.C. 20006

TOKYO LIAISON OFFICE
6TH FLOOR
DIAMOND PLAZA BLDG
25 ICHIBANCHO, CHIYODA-KU
TOKYO 102, JAPAN

PITTSBURGH OFFICE
THE LAW & FINANCE BUILDING
SUITE 707
429 FOURTH AVENUE
PITTSBURGH, PA 15219

OF COUNSEL

RONALD F. NAUGHTON *
EDWARD F. WELSH *
NICHOLAS S. BROMER *
C. WILLIAM SCHILDNECHT *
JOHN F. CARNEY *

December 1, 2004

VIA EXPRESS MAIL
EV453246783US

Commissioner for Patents
Box PCT
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Our Docket No. 04340-PCT-PA

Dear Sir:

**THIS NEW PATENT APPLICATION IS BEING FILED BY EXPRESS MAIL,
TODAY, AND IS ENTITLED TO HAVE TODAY'S DATE ON THE OFFICIAL FILING
RECEIPT.**

Enclosed please find the following:

1. Form PTO-1390
2. Declaration duly executed.

CERTIFICATE OF TRANSMITTAL

I hereby certify that this correspondence is being deposited
with the U.S. Postal Service as Express Mail in an envelope
addressed to: Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.

Date: December 1, 2004

Express Mail Label No. EV453246783US

By: Carolyn N. Bates

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP

Commissioner for Patents

2

December 1, 2004

3. Our check No. 01781 in the amount of \$1,710.00 to cover the filing fee.
4. Our post card. (Please date stamp and return.)

The inventor is:

Arturas Petronis
250 College Street
Toronto, Ontario
CANADA
Citizenship: Canada

Please address all correspondence to:

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP
Intellectual Property Law Offices
502 Washington Avenue, Suite 220
Towson, Maryland 21204.

If there are any additional fees required, please charge our Deposit Account No. 02-2839.

Thank you for your cooperation and assistance.

Respectfully submitted,



Robert M. Gamson

RMG/chb

Enclosures

C:\Corel\Office9\WPWin9\Carolyn\pto\04340ptoltr..wpd